

414 Rec'd PTO 11 OCT 2000

Applicant: MURAKAMI et al  
Serial No.: 09/622974  
Filed: August 24, 2000  
Title: RECOMBINANT PROTEIN POSSESSING HUMAN HEPATITIS C VIRUS RNA-DEPENDENT POLYMERASE ACTIVITY AND METHOD OF PRODUCING THE SAME

Examiner: Unknown  
Group Art Unit: Unknown  
Docket: 8279.284USWO

## CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EL415947967US

Date of Deposit: October 11, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

By: 

Linda McCormick

Assistant Commissioner for Patents  
Washington, D.C. 20231

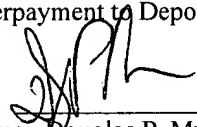
Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Signed Combined Declaration and Power of Attorney
- ☒ Check(s) in the amount of \$130.00 for Missing Requirements
- ☒ Other: COMMUNICATION REGARDING MISSING REQUIREMENT, COPY OF NOTICE TO FILE MISSING REQUIREMENT, INTERNATIONAL PRELIMINARY EXAMINATION REPORT IN BOTH ENGLISH AND JAPANESE, INTERNATIONAL SEARCH REPORT, NOTIFICATION CONCERNING SUBMISSION/TRANSMITTAL OF PRIORITY DOCUMENT
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By:   
Name: Douglas P. Mueller  
Reg. No.: 30,300  
DPM/lmm



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S/N 09/622974

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	MURAKAMI et al	Examiner:	Unknown
Serial No.:	09/622974	Group Art Unit:	Unknown
Filed:	08/24/2000	Docket No.:	8279.284USWO
Title:	RECOMBINANT PROTEIN POSSESSING HUMAN HEPATITIS C VIRUS RNA-DEPENDENT POLYMERASE ACTIVITY AND METHOD OF PRODUCING THE SAME		

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By:

*Linda McCormick*  
Name: Linda McCormick

COMMUNICATION REGARDING MISSING REQUIREMENTS

BOX PCT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In connection with the above-identified application, enclosed please find the originally signed Combined Declaration and Power of Attorney. Also enclosed is our check in the amount of 130.00 to cover the Missing Requirements completion fee. A copy of the Notice to File Missing Requirements is enclosed herewith.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

By *DPM*

Douglas P. Mueller  
Reg. No. 30,300

Dated: October 11, 2000

DPM/lmm



## UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: ASSISTANT COMMISSIONER FOR PATENTS

Box PCT

Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/622974	MURAKAMI	S 8279.284USWO

DOUGLAS P MUELLER  
MERCHANT & GOULD  
P O BOX 2903  
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DFM

INTERNATIONAL APPLICATION NO.

PCT/JP98/04204

I.A. FILING DATE

PRIORITY DATE

18 SEP 98

27 FEB 98

DATE MAILED: 20 SEP 2000

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

☐ a Designated Office (37 CFR 1.494),☒ an Elected Office (37 CFR 1.495):☒ U.S. Basic National Fee.☒ Copy of the international application in:☒ a non-English language.☐ English.☒ Translation of the international application into English.☒ Oath or Declaration of inventors(s) for DO/EO/US.☐ Copy of Article 19 amendments.☐ Translation of Article 19 amendments into English.☒ The International Preliminary Examination Report in English and its Annexes, if any.☐ Translation of Annexes to the International Preliminary Examination Report into English.☒ Preliminary amendment(s) filed 24 AUG 2000 and☐ Information Disclosure Statement(s) filed and☐ Assignment document.☐ Power of Attorney and/or Change of Address.☐ Substitute specification filed☐ Verified Statement Claiming Small Entity Status.☒ Priority Document.☒ Copy of the International Search Report ☒ and copies of the references cited therein.☐ Other:2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).☐ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.☒ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).3. Additional claim fees of \$ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

**ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☒ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

***A copy of this notice MUST be returned with this response.***

Enclosed:

☒ PCT/DO/EO/917☐ Notice of Defective Translation☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

Winston M Alvarado

Telephone: 703-305-6421



U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/622974	MURAKAMI	S 8279.284USWO
INTERNATIONAL APPLICATION NO.		
PCT/JP98/04204		
I.A. FILING DATE		PRIORITY DATE
18 SEP 98		27 FEB 98

DOUGLAS P MUELLER  
MERCHANT & GOULD  
P O BOX 2903  
MINNEAPOLIS, MN 55402 0903

DATE MAILED: 20 SEP 2000

### NOTIFICATION OF A DEFECTIVE OATH OR DECLARATION

This application fails to contain an oath or declaration acceptable under 35 U.S.C. 371 (c)(4) for entry into the national stage in the United States of America. The period within which to correct these requirements and avoid abandonment is set in the accompanying Office action.

A new oath or declaration, identifying this application by the international application number and international filing date is required. The oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:

1. ☒ is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
2. ☐ does not identify the specification to which it is directed.
3. ☐ does not identify the inventor(s).
4. ☐ does not identify the citizenship of each inventor.
5. ☐ does not state the person making the oath or declaration believes the named inventor or inventors to be the original and first inventor or inventors of the subject matter which is claimed and for which a patent is sought.

FAILURE TO SUBMIT AN OATH OR DECLARATION IN COMPLIANCE WITH 37 CFR 1.497(a) AND (b) WITHIN THE TIME PERIOD SET WILL RESULT IN FAILURE TO ENTER THE NATIONAL STAGE AND THE ABANDONMENT OF THE APPLICATION.

Additionally, the oath or declaration does not comply with 37 CFR 1.63 in that it:

1. ☐ does not identify the city and state or city and foreign country of residence or each inventor.
2. ☐ does not state that the person making the oath or declaration:
  - a. ☐ has reviewed and understands the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration.
  - b. ☐ acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
3. ☐ does not identify the foreign application for patent or inventor's certificate on which priority is claimed pursuant to 37 CFR 1.55, and any foreign application having a filing date before that of the application on which priority is claimed, by specifying the application serial number, country, day, month, and year of its filing.
4. ☐ does not state that the person making the oath or declaration acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and filing date of the continuation in part application which discloses and claims subject matter in addition to that disclosed in the prior application (37 CFR 1.63(d)).

Winston M Alvarado  
Telephone: 703-305-6421